

Amendments to the Specification

1. Please replace Table 2 at page 50 of the present specification by amended Table 2 on the following page.

Table 2

	Gel Fraction (wt%)	PS Content (wt%)	Powder Content (wt%)	M.W. Ca. ($\times 10^4$)	Compressive Strength (N/cm ²)	Falling Ball Impact Value (cm ⁴)	Dimensional Change Rate under Heat (%)	
EXAMPLES	1	7.2	22.2	0.7	32	40	85	0.4
	2	26.5	21.9	0.8	31	42	95	0.3
	3	33.5	20.9	0.7	30	44	95	0.2
	4	20.8	22.1	0.6	29	42	90	0.3
	5	5.8	34.5	0.5	28	40	85	0.4
	6	38.5	21.3	0.8	30	48	85	0.2
	7	7.2	25.0	0.5	30	43	85	0.4
	8	3.5	22.8	0.5	30	42	85	0.4
	9	3.2	24.4	0.5	34	43	85	0.3
	10	3.8	24.2	0.6	24	43	85	0.4
	11	19.6	25.0	0.7	26	40	90	0.4
	12	18	23.3	0.3	32	46	95	0.3
	13	17.5	24.6	0.5	32	46	95	0.2
COMP. EXAMPLES	1	0.3	26.6	0.5	33	36	80	0.8
	2	0.8	25.0	0.8	24	38	80	0.7
	3	5.6	21.4	1.6	32	38	60	0.8
	4	1.6	25.0	0.5	30	38	80	0.7
	5	1.8	25.0	0.6	30	40	80	0.7
	6	2.6	25.0	0.5	36	37	50	0.4
	7	1.8	24.4	0.6	22	40	80	0.7
	8	1.7	20.6	1.8	32	—	—	—
	9	7.2	22.2	1.9	32	45	40	0.4

2. Please replace the paragraph from lines 2 to 6 at page 51 of the present specification by the following amended paragraph:

Polyethylene-based resin beads were obtained in the same manner as in Example 1 except that linear low-density polyethylene having a different melting point from that used in Example 1 (ethylene-butene copolymer: melt index of 0.7 g/10 min, density of 0.922 g/ml, melting point of 121 °C) was used.

3. Please replace Table 3 at page 53 of the present specification by the following amended Table 3:

Table 3

PE/PS (1 st and 2 nd)	100/400 (100/300)
Polymerization Temperature (1 st /2 nd) (°C)	118/118
Conversion ratio of polymerization (%)	90
Polymerization Initiator (1 st /2 nd)	TBPB/TBPB
Amount of Initiator (1 st /2 nd) (wt%)	0.3/0.3
Gel Fraction (%)	29.8
PS Content (wt%)	24.2
Powder Content (wt%)	0.5
M. W. ($\times 10^4$)	About 32
Falling Ball Impact Value (cm ²)	90
Compressive Strength (N/cm ²)	43
Dimensional Change Rate under Heat (%)	0.2

4. Please replace Table 4 at page 55 of the present specification by the following amended

Table 4:

Table 4

PE/PS (1 st and 2 nd)	100/400 (40/360)
Polymerization temperature (1 st /2 nd) (°C)	126/122
Conversion ratio of polymerization (%)	90
Polymerization Initiator (1 st /2 nd)	DCP/TBPB
Amount of Initiator (1 st /2 nd) (wt%)	0.3/0.3
Gel Fraction (%)	30.6
PS Content (wt%)	25.0
Powder Content (wt%)	0.8
M. W. ($\times 10^4$)	約 30
Falling Ball Impact Value (cm ²)	90
Compressive Strength (N/cm ²)	42
Dimensional Change Rate under Heat (%)	0.2